



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 09321679 A

(43) Date of publication of application: 12.12.1997

(51) Int. Cl. H04B 7/08
H04L 1/06

(21) Application number: 08138245

(22) Date of filing: 31.05.1996

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(57) Abstract:

PROBLEM TO BE SOLVED: To exactly regenerate a received synchronizing clock by finding the levels of intensity and differential data from the difference of respective electric fields provided by a prescribed branch means and synthesizing out the branch regenerative clock corresponding to the ratio of levels of intensity of respective electric fields discriminated from the differential data.

SOLUTION: The signals received by reception antennas 1 and 2 are sent through reception high frequency parts 3 and 4 to RSSI detection parts 5 and 6 and detection parts 7 and 8. The RSSI detection parts 5 and 6 detect received electric field intensity data and send out both data to an RSSI comparison part 13 later. Through this operation, the levels of intensity of electric fields received at respective branches and its difference are found and differential information is sent out to a clock synthesizing part 14 and a switching synthesizing control part 15. The detection parts 7 and 8 detect the received signals and send out these signals

as base band signals to data reproducing parts 9 and 10. The data reproducing parts 9 and 10 discriminate the signals demodulated by the detection parts 7 and 8 and send out the discriminated results to a synthesizing part 16 as regenerative data.

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